

3. (Once Amended) An isolated antibody which specifically binds to an isolated polypeptide selected from the group consisting of:

- a<sub>1</sub>*
- Sub B1*
- a) a polypeptide comprising an amino acid sequence of SEQ ID NO:1, and
  - b) a polypeptide comprising a naturally-occurring amino acid sequence having at least 90% sequence identity to the sequence of SEQ ID NO:1.
  - c) a biologically-active fragment of a polypeptide having the amino acid sequence of SEQ ID NO:1, comprising at least 25 contiguous amino acid residues of SEQ ID NO:1, wherein the biologically-active fragment binds to annexin, and
  - d) an immunogenic fragment of a polypeptide having the amino acid sequence of SEQ ID NO:1 comprising at least 25 contiguous amino acid residues of SEQ ID NO:1.

4. (Once Amended) A method for a diagnostic test for a condition or disease associated with the expression of NABP-1 in a biological sample, the method comprising:

- a) combining the biological sample with an antibody of claim 3, under conditions suitable for the antibody to bind the polypeptide and form an antibody: polypeptide complex; and
- b) detecting the complex, wherein the presence of the complex correlates with the presence of the polypeptide in the biological sample.

5. The antibody of claim 3, wherein the antibody is:

- (a) a chimeric antibody;
- (b) a single chain antibody;
- (c) a Fab fragment;
- (d) a F(ab')<sub>2</sub> fragment; or
- (e) a humanized antibody.

6. A composition comprising an antibody of claim 3 and an acceptable excipient.

7. A method of diagnosing a condition or disease associated with the expression of NABP-1 in a subject, comprising administering to said subject an effective amount of the composition of claim 6.

8. A composition of claim 6, wherein the antibody is labeled.

9. A method of diagnosing a condition or disease associated with the expression of NABP-1 in a subject, comprising administering to said subject an effective amount of the composition of claim 8.

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10. (Once Amended) A method of preparing a polyclonal antibody with the specificity of the antibody of claim 3, the method comprising:

- A<sub>2</sub>
- a) immunizing an animal with a polypeptide consisting of an amino acid sequence of SEQ ID NO:1, or an immunogenic fragment thereof, under conditions to elicit an antibody response;
  - b) isolating antibodies from said animal; and
  - c) screening the isolated antibodies with the polypeptide, thereby identifying a polyclonal antibody which binds specifically to a polypeptide comprising an amino acid sequence of SEQ ID NO:1.
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11. An antibody produced by a method of claim 10.

12. A composition comprising the antibody of claim 11 and a suitable carrier.

A<sub>3</sub>

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13. (Once Amended) A method of making a monoclonal antibody with the specificity of the antibody of claim 3 comprising:

- a3
- a) immunizing an animal with a polypeptide consisting of an amino acid sequence of SEQ ID NO:1, or an immunogenic fragment thereof, under conditions to elicit an antibody response;
  - b) isolating antibody producing cells from the animal;
  - c) fusing the antibody producing cells with immortalized cells to form monoclonal antibody-producing hybridoma cells;
  - d) culturing the hybridoma cells; and
  - e) isolating from the culture monoclonal antibody which binds specifically to a polypeptide comprising an amino acid sequence of SEQ ID NO:1.
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14. A monoclonal antibody produced by a method of claim 13.

15. A composition comprising the antibody of claim 14 and a suitable carrier.

16. The antibody of claim 3, wherein the antibody is produced by screening a Fab expression library.

17. The antibody of claim 3, wherein the antibody is produced by screening a recombinant immunoglobulin library.

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18. (Once Amended) A method for detecting a polypeptide comprising an amino acid sequence of SEQ ID NO:1 in a sample, the method comprising:

- a4
- a) incubating the antibody of claim 3 with a sample under conditions to allow specific binding of the antibody and the polypeptide; and
  - b) detecting specific binding, wherein specific binding indicates the presence of a polypeptide comprising an amino acid sequence of SEQ ID NO:1 in the sample.

19. (Once Amended) A method of purifying a polypeptide comprising an amino acid sequence of SEQ ID NO:1 from a sample, the method comprising:

- A4
- a) incubating the antibody of claim 3 with a sample under conditions to allow specific binding of the antibody and the polypeptide; and
  - b) separating the antibody from the sample and obtaining the purified polypeptide comprising an amino acid sequence of SEQ ID NO:1.
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